| Index of Claims |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |

Application/Control No.

10/737,066

Examiner

Khoa D. Huynh

Applicant(s)/Patent under Reexamination

SOMMER ET AL.

Art Unit

3751

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** 0 Objected

|                 |  | Щ        |              |                                     |          |  | ı            |          | _  | <b>!</b>        |
|-----------------|--|----------|--------------|-------------------------------------|----------|--|--------------|----------|--|-----------------|
| Cla             | im                                     | Date     |              |                                     |          |  |              |          |  |                 |
| Cle             |  | Date     |              |                                     |          |  |              |          |  |                 |
|                 | Original                               | φ        |              |                                     |          |  |              |          |  | 1               |
| Final           | gi                                     | 8        |              |                                     |          |  |              |          |  |                 |
| i.              | i.                                     | 32       |              |                                     |          |  |              |          |  |                 |
|                 |  | Ľ.       |              |                                     |          |  |              |          |  | Ш               |
|                 | 1                                      |          |              |                                     |          |  |              |          |  |                 |
|                 | 2                                      |          |              |                                     |          |  |              |          |  |                 |
|                 | 3                                      | П        |              |                                     |          |  |              |          |  |                 |
|                 | 1                                      |          | Т            |                                     |          |  |              |          |  |                 |
|                 | -                                      | _        | $\vdash$     |                                     | _        |  |              |          | ┪  | Н               |
|                 | 6                                      | $\vdash$ | $\vdash$     | _                                   | -        | -  | _            | -        | $\vdash$   |                 |
|                 | 1                                      |          | $\vdash$     | H                                   | _        | -  |              |          | <del>                                     </del> | $\vdash$        |
|                 | 1                                      | -        | -            |                                     | _        |  |              | $\vdash$ | $\vdash$   |                 |
| $\vdash$        | 3                                      |          |              |                                     |          |  | $\vdash$     |          |  | $\vdash$        |
| <u> </u>        | 1b                                     | _        | -            | $\vdash$                            | _        | $\vdash$                                     |              |          |  | $\vdash \vdash$ |
| -               | 11                                     | 1        | -            |                                     | -        | -  |              | $\vdash$ | $\vdash$   | H               |
| $\vdash \vdash$ | 12                                     | H        |              | -                                   |          |  | -            | $\vdash$ | $\vdash$   | $\vdash$        |
|                 | 12                                     | ╫        | <del> </del> | -                                   | -        |  | -            | $\vdash$ | $\vdash$   | Н               |
| <b> </b>        | 14                                     | ⊬        | $\vdash$     | $\vdash$                            |          | $\vdash$                                     | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash \vdash$ |
|                 | 15                                     | ╫        | -            | -                                   | -        | $\vdash$                                     | <del> </del> | $\vdash$ | ⊢  | $\vdash$        |
|                 | 11<br>12<br>13<br>14<br>15<br>16<br>17 | ╀        | <del> </del> | $\vdash$                            | <u> </u> |  | -            | -        | <del> </del>                                     | $\mid - \mid$   |
| <u> </u>        | 15                                     | -        |              |                                     | <u> </u> | -  | <u> </u>     | $\vdash$ | $\vdash$   | Н               |
| ļ               | 17                                     | ₩        | <u> </u>     | _                                   | <u> </u> | _  | <u> </u>     | $\vdash$ | ├  |                 |
| <u> </u>        | 18<br>19                               | #        | $\vdash$     | <del> </del> —                      | <u> </u> | ļ  |              |          |  | $\vdash$        |
|                 | 19                                     | ╨        | _            | _                                   | <u> </u> | _  | _            |          | _  | $\vdash$        |
| <u> </u>        | 20<br>21                               | -        | -            | -                                   | -        |  | <u> </u>     | _        | _  | $\vdash \vdash$ |
|                 | 21                                     | Ц,       |              |                                     | _        |  | _            |          |  | Н               |
|                 | 22                                     | 1        | -            | _                                   | <u> </u> | _  | <u> </u>     |          |  | Н               |
|                 | 22<br>23<br>24<br>25                   | ┡        |              |                                     | _        | -  | <u> </u>     | <u> </u> | _  | Н               |
|                 | 24                                     | _        | _            | _                                   | _        | <u> </u>                                     |              |          | <u> </u>   | $\vdash$        |
|                 | 25                                     | -        | -            |                                     | _        | ┝  | _            | _        | _  | Н               |
|                 | 26<br>27                               | <u> </u> | _            | _                                   | <u> </u> | ⊢  | $\vdash$     | -        |  | Н               |
|                 | 21                                     | <u> </u> | ├—           | <u> </u>                            | <u> </u> | ┡  | <u> </u>     | <u> </u> | <u> </u>   | Н               |
|                 | 28                                     | <u> </u> | <u> </u>     |                                     | <u> </u> |  | -            | -        | _  | Ш               |
| <u> </u>        | 29<br>30                               | -        | <u> </u>     |                                     | ļ        |  | <u> </u>     | <u> </u> |  | $\vdash$        |
| <b> </b> -      | 30                                     |          |              | -                                   | <u> </u> | <del> </del>                                 | <u> </u>     | <u> </u> | <u> </u>   |                 |
| <u> </u>        | 31<br>32                               | -        | <u> </u>     |                                     | <u> </u> | <del> </del> -                               |              |          |  | Ш               |
| ļ               | 32                                     | <u> </u> | $\vdash$     | -                                   | <u> </u> | ├  | <u> </u>     | <u> </u> | ├_   | $\vdash \vdash$ |
| <u> </u>        | 33                                     | $\vdash$ | $\vdash$     | $\vdash$                            | <u> </u> | $\vdash$                                     | _            |          | ├—   | Ш               |
| <u> </u>        | 34<br>35                               | <u> </u> | <u> </u>     | $\vdash$                            | <u> </u> | ⊢  | <u> </u>     | $\vdash$ | ⊢  | Ш               |
|                 | 35                                     | _        | <u> </u>     | <u> </u>                            | <u> </u> | <del> </del>                                 | <u> </u>     | ļ        |  | Ш               |
| <u> </u>        | 36                                     |          | <u> </u>     | ļ                                   | <u> </u> |  | <u> </u>     | _        | <u> </u>   | _               |
| <u> </u>        | 37                                     | _        |              |                                     |          | <u> </u>                                     | <u> </u>     | <u> </u> | <u> </u>   | $\vdash$        |
| <u> </u>        | 38                                     | _        |              | _                                   |          | <u> </u>                                     |              | <u> </u> | <u> </u>   | Ш               |
| <u> </u>        | 39                                     | <u> </u> | <u> </u>     | <u> </u>                            | _        | <u>                                     </u> | <u> </u>     | <u> </u> | <u> </u>   | Щ               |
|                 | 40                                     | <u> </u> | <u> </u>     | <u> </u>                            | _        | <u> </u>                                     | <u> </u>     | _        | <u> </u>   | Щ               |
| L               | 41                                     | <u> </u> | <u> </u>     |                                     |          | <u> </u>                                     |              | <u> </u> | ļ  | Ш               |
|                 | 42                                     | <u> </u> | <u> </u>     | _                                   | _        | <u> </u>                                     | _            | <u> </u> | <u> </u>   | Щ               |
| <u> </u>        | 43                                     | <u> </u> | <u> </u>     | $\vdash$                            | _        | <u> </u>                                     | _            |          | <u> </u>   | Ш               |
| <u> </u>        | 44                                     |          |              | <u> </u>                            |          | <u> </u>                                     | <u> </u>     |          | <u> </u>   | Ш               |
| L               | 45                                     |          | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$          | _            | <u> </u> | <u> </u>   | Щ               |
| <u> </u>        | 46                                     | _        |              | <u> </u>                            | L.       | <u> </u>                                     |              | _        | <u> </u>   | Ш               |
|                 | 47                                     | <u> </u> |              |                                     | _        | <u> </u>                                     |              |          |  | Щ               |
|                 | 48                                     |          | <u></u>      |                                     |          | <u> </u>                                     |              | _        | L_   | Ш               |
|                 | 49                                     | <u> </u> | _            | _                                   |          | <u>_</u>                                     | _            | _        |  | Ш               |
|                 |  |          |              |                                     |          |  |              |          |  | . 1             |

| Cla   | aim      |              |               |              |          | Date   | = |          | _ |          |
|-------|----------|--------------|---------------|--------------|----------|--|---|----------|---|----------|
|       |          |              |               |              |          |  |   |          |   |          |
| Final | Original |              |               |              |          |  |   |          |   |          |
|       | 51       |              |               | -            | _        |  |   |          |   |          |
|       | 52       |              | _             | _            | $\vdash$ |  |   |          |   |          |
|       | 53       |              |               | <del> </del> | -        |  |   | $\vdash$ | _ |          |
|       |          | _            | _             | -            | -        |  |   | -        | - | -        |
| ļ     | 54       |              |               |              |          | -  |   |          |   | -        |
| h     | 55       |              | -             | _            | _        |  | _ | _        |   | _        |
|       | 56       |              |               |              | _        |  |   |          |   | _        |
|       | 57       |              |               |              | _        |  |   | L.       |   |          |
|       | 58       |              |               |              |          |  | L |          |   |          |
|       | 59       |              |               |              | _        |  |   |          |   | <u></u>  |
|       | 60       |              |               |              |          |  |   |          |   |          |
|       | 61       |              |               |              |          |  |   |          |   |          |
|       | 62       |              |               |              |          |  |   |          |   |          |
|       | 63       |              |               |              |          |  |   |          |   |          |
|       | 64       |              |               |              | L        |  |   |          |   |          |
|       | 65       |              |               |              |          |  |   |          |   |          |
|       | 66       |              |               |              |          |  |   |          |   |          |
| 1     | 67       |              |               |              |          |  |   |          |   | _        |
|       | 68       |              |               |              |          |  |   | _        |   |          |
|       | 69       |              | _             |              |          |  |   |          |   |          |
|       | 70       |              |               |              | -        |  |   |          |   |          |
|       | 71       | _            |               |              |          |  |   |          |   | $\vdash$ |
|       | 72       |              |               | $\vdash$     | _        | <del>                                     </del> |   |          |   | _        |
|       | 73       |              |               |              |          |  |   |          |   |          |
|       | 74       |              |               |              |          |  |   |          |   |          |
|       | 75       |              |               | _            |          |  |   |          |   | $\Box$   |
|       | 76       |              |               |              |          |  |   |          |   |          |
|       | 76<br>77 | $\Box$       |               |              |          |  |   |          |   |          |
|       | 78       |              | $\overline{}$ |              |          |  |   |          |   |          |
|       | 79       |              |               | _            |          |  |   |          |   |          |
|       | 80       |              |               |              |          |  |   |          |   |          |
|       | 81       |              | _             |              |          |  |   |          |   |          |
|       | 82       |              | Γ             | _            | _        | <u> </u>   |   |          |   | _        |
|       | 83       |              |               |              |          |  |   |          |   | Г        |
|       | 84       |              | П             | Г            |          | Г  |   |          |   | $\Box$   |
|       | 85       |              | Г             | Г            |          |  |   |          |   |          |
|       | 86       |              | Г             | Г            | _        |  |   |          |   |          |
|       | 87       |              |               |              |          |  |   | П        | Ι | П        |
|       | 88       |              | _             |              |          |  |   |          |   |          |
|       | 89       |              |               |              | Г        |  |   |          | _ |          |
|       | 90       |              |               |              | Г        |  |   |          |   |          |
|       | 91       |              |               |              |          |  |   |          |   |          |
|       | 92       |              |               |              |          |  |   |          |   |          |
|       | 93       |              |               |              |          |  |   |          |   |          |
|       | 94       |              |               |              |          |  |   |          |   |          |
|       | 95       |              |               |              |          |  |   |          |   |          |
|       | 96       |              |               |              |          |  |   |          | L |          |
|       | 97       |              |               |              | <u> </u> |  |   |          |   |          |
|       | 98       | $oxed{\Box}$ |               | <u> </u>     |          | تـــا  |   |          |   |          |
|       | 99       | L_           | L_            | <u> </u>     | <u>_</u> |  |   |          | L |          |
| L     | 100      |              | L             |              |          |  |   |          |   |          |

| Cla      | aim   |  |          |          | -        | Date     |          |          |          |                 |
|----------|---|--|----------|----------|----------|----------|----------|----------|----------|-----------------|
|          |   |  |          |          |          |          |          |          |          | $\sqcap$        |
| Final    | Original                                      |  |          |          |          |          |          |          |          |                 |
|          | 101   |  |          |          |          |          |          |          |          |                 |
|          | 102<br>103                                    |  |          |          |          |          |          |          |          |                 |
|          | 103   |  |          |          |          |          |          |          |          |                 |
|          | 104<br>105                                    |  |          | _        |          |          |          |          |          |                 |
|          | 105   |  |          |          |          |          |          |          |          |                 |
|          | 106   |  |          |          |          | _        |          |          |          |                 |
|          | 107   | _  | _        | _        | _        |          | _        |          | _        | Щ               |
|          | 108   |  | _        | _        | <u> </u> | <u> </u> | _        |          | _        | $\vdash$        |
|          | 109   |  |          | -        | _        | -        | -        | -        |          |                 |
|          | 111   | $\vdash$   | -        | $\vdash$ | _        | $\vdash$ |          |          |          | $\vdash\vdash$  |
|          | 112   | -  | _        | -        |          | $\vdash$ | $\vdash$ |          | $\vdash$ | ${\mathbb H}$   |
|          | 113   | -  | _        | -        | _        | $\vdash$ | -        |          | $\vdash$ | $\vdash \vdash$ |
|          | 114   | H  | _        |          | $\vdash$ | $\vdash$ | -        | -        | -        | $\vdash$        |
| -        | 110<br>111<br>112<br>113<br>114<br>115<br>116 |  | -        | $\vdash$ | <u> </u> |          | -        | -        |          | $\vdash$        |
|          | 116   | Н  |          | -        |          | -        |          | <u> </u> |          | $\vdash \dashv$ |
|          | 117   |  |          |          | _        |          |          |          |          | $\vdash \vdash$ |
|          | 118   |  |          |          |          |          |          |          |          |                 |
|          | 118<br>119                                    |  |          |          | _        |          |          |          |          |                 |
|          | 120   |  |          |          | _        |          |          |          |          |                 |
|          | 121<br>122                                    |  |          |          |          |          |          |          |          |                 |
|          | 122   |  |          |          |          |          |          |          |          |                 |
|          | 123   |  |          |          |          |          |          |          |          |                 |
|          | 123<br>124<br>125                             |  |          |          |          | L        | _        |          |          | Ш               |
|          | 125   |  |          |          |          |          |          |          |          | Ш               |
|          | 126<br>127<br>128                             | <u> </u>   |          |          |          |          | _        |          | _        |                 |
| <u> </u> | 127   | <u> </u>   | _        |          | <u> </u> | L.       | _        |          |          |                 |
|          | 128   | <u> </u>   |          | _        | _        | <u> </u> | <u> </u> |          |          | -               |
| ļ        | 129<br>130                                    | <u> </u>   | _        | -        | _        |          | -        | _        |          |                 |
|          | 131   | $\vdash$   |          | _        | $\vdash$ | -        | -        |          |          |                 |
| <u> </u> | 132   | <u> </u>   |          | _        |          | $\vdash$ | -        |          |          | Н               |
|          | 133   |  | -        |          | ┝        |          | -        |          |          | $\vdash$        |
|          | 134   |  | -        | _        | -        |          | -        | _        | -        | $\dashv$        |
|          | 135   |  | $\vdash$ |          |          | -        | -        |          | -        |                 |
|          | 136   |  |          |          |          | _        |          | _        |          | Н               |
|          | 137   |  | $\vdash$ |          |          |          |          |          |          |                 |
|          | 137<br>138                                    |  |          |          |          |          |          |          |          |                 |
|          | 139   |  |          |          |          |          |          |          |          |                 |
|          | 140   |  |          |          |          |          |          |          |          |                 |
|          | 141   |  |          |          |          | L.       | L_       |          |          |                 |
|          | 142   | L  | <u></u>  |          | <u> </u> | <u> </u> |          |          | L        | Ш               |
|          | 143   | <u> </u>   | _        | _        |          | <u> </u> | <u> </u> |          |          |                 |
|          | 144   |  | _        | <u> </u> | _        |          | -        | _        | _        | $\vdash$        |
|          | 145   |  | <u> </u> | <u> </u> |          |          |          |          |          | $\vdash \dashv$ |
|          | 146   | <u> </u>   | <u> </u> | <u> </u> | H        |          |          | _        |          | $\vdash \vdash$ |
|          | 147   | _  | H        | H        |          | $\vdash$ | $\vdash$ | H        | $\vdash$ | $\vdash \dashv$ |
|          | 148<br>149                                    |  | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$        |
|          | 150   | <del>                                     </del> | <u> </u> | -        | -        | $\vdash$ | -        | -        | $\vdash$ | $\vdash\vdash$  |
|          | 130   | L  |          |          | _        |          | L        |          | L        | Ш               |